

LIGETI, Gyorgy, okleveles gepeszmernok

Technology of precision mechanics at the Hannover International
Machine Tool Fair. Finommechanika 4 no.2:37-48 F '65.

LIGETI, Gyorgy, okleveles gépészmernok

Automation of instrument manufacture. Technika 9 no.2:6-7
F '65.

LIGETI, Gyorgi, inz. (Budapest)

Development of the Hungarian machine tool industry. Stroj vyr
13 no.3:186-190 Mr '65.

LIGETI, Gyorgy

Single-purpose machines in telecommunication engineering.
Radiotechnika 15 no.2:54-55 F '65.

LIGETI, Gyorgy

The first Hungarian-made modeling device in radio engineering.
Radiotechnika 15 no.3:86 Mr '65.

LIGETI, Gyorgy; HRABAL, Laszlo

The Budapest International Fair from the point of view of
telecommunication engineering. Radiotechnika 15 no.7:242-
246 J1 '65.

LIGETI, Gyorgy

Production control centers. Musz elat 20 no.8:1,13 22 Ap '65.

LIGETI, Gyorgy

Model design. Technika 9 no.4:8-9 Ap '65.

L 31458-66 EWP(v)/EWP(k)/EWP(h)/ENF(1)

ACC NR: AP6023102

SOURCE CODE: HU/0031/66/000/002/0063/0063

AUTHOR: Ligeti, Gyorgy

ORG: none

TITLE: Electronic scales: results of their introduction in Hungary

SOURCE: Finommechanika, no. 2, 1966, 63

TOPIC TAGS: measuring instrument, electronic component, weighing scales

ABSTRACT: The Tensipond electronic weighing system, developed at the Central Research Laboratory for Measurement Technology (Merestechikai Kozponti Kutato Laboratorium)[location not given], is being introduced in Hungarian manufacturing industries such as the 5-Mp. unit at Hodmezovasarhely Scale Works (Hodmezovasarhelyi Merleggyar), the 20-Mp. unit at Ferroglobus Enterprise (Ferroglobus Vallalat) in Budapest, and the 10-Mp. unit at Lacquer and Paint Enterprise (Lakk es Festekipari Vallalat)[location not given]. In addition, plans are maturing for introducing these balances at various installations of Hungarian National Railways (Magyar Allamvasutak). [JPRS]

SUB CODE: 09 / SUBM DATE: none

Card 1/1 mc

37
B

0915 1307

LIGETI, Gyorgy, okleveles gepeszmernok

Unrotating self-aligning axle running gear for railway vehicles,
Vasut 15 no.2:9-10 F '65.

LIGETI, Gyorgy

Inflatable, portable storerooms. Hazogazd techn 5 no.1:31 '65.

LIGETI, Gyorgy

Measuring instruments, measuring installations, measuring and
sorting automatic devices at the Hannover International Machine
Tool Fair. Finomechanika 4 no.1:19-31 Ja '65.

LIGETI, Gyorgy

Radar and television as aid to navigation. Elet tud 19 no.49:
2345 4 D '64.

LIGETI, Gyorgy (Budapest)

Products of the Hungarian instrument industry at the 1964 Budapest
International Fair. Meres automat 12 no.11:351-358 '64.

SVEIGER, Otto.dr.,; LIGHTI, Gyorgyne, dr.

Formation of fever in pneumonectomy. Tuberk. kerdesei 8 no.3:75-79
June 55

1. Országos Tbc. Intezet (igazgato: Sebok Lorand dr.) I. es II.
Tudobelosztalyanak (Oszt. ves.: Boszormenyi Miklos dr. es Kovats
Ferenc dr. kandidatus) kozlemenye.

(LUNGS, surg.
pneumonectomy, fever)

(FEVER
in pneumonectomy)

LIGETI, Imre, dr.

Physiological cardiac enlargement. Orv. hetil. 101 no.17:598-601
24 Ap '60.

1. Országos Testnevelés-es Sportegészségügyi Intézet.
(HEART ENLARGEMENT physiol.)

"Observations on the Early Stages of Essential Hypertension in Athletes."

Budapest. Orvosi Hetilap. Vol 104. No 43. 27 Oct 63. pages 2020-2021

LAKO, Sandor; LIGETI, Istvan; PAL, Illes

Experimental constructions in the service of the 15-year housing
development plan. Magy ep ip 10 no.2:71-75 '61.

LIGETI, Jerzy, mgr inz.

75 years of the transformer. Horyz techn 15 no.3:17-18 '62.

LIGETI, Laszlo

Education of youth in Hungarian Trade Unions. Munka 13 no.12:
6-7 D'63.

1. Kereskedelmi, Pénzügyi és Vendéglátóipari Dolgozók Szak-
szervezetének főtákarca; "Munka" szerkesztő bizottsági tagja.

LIGETI, László

Role of trade unions in the innovator movement of the domestic trade.
Ujit lap 13 no.6:7 Mr '61.

1. Kereskedelmi, Pénzügyi és Vendeqlatoipari Dolgozok Szakszervezetének
fotitkara.

(Hungary--Trade unions) (Hungary--Commerce)

LIGETI, Laszlo

Relationship between the industry and commerce. Munka 13 no.7:
8-9 JI '63.

1. Kereskedelmi, Pénzügyi és Vendéglátóipari Dolgozók Szakszervezete
fotitkar; "Munka" szerkeszto bizottsagi tagja.

Ligeti, Lajos

HUNGARY

V 97. Ten years in the development of Hungarian science, 1945-1955 - L. Ligeti. (Budapest, 1955, Akad.

émiai Kiadó, (Publishers to the Hungarian Academy of Sciences, 432 p.)

The book reports on the development of the various branches of science in Hungary after the second world war. Besides describing the progress in linguistics, literature, music, medicine and agriculture a comprehensive summary is given of the advance in mathematics, physics and engineering by outstanding scientists. The book contains reports in the field of abstract and engineering sciences by Gy. Alexits, Gy. Hajós and A. Rényi on mathematics, Z. Gyulai on physics, I. Kovács on the activity of the Central Physical Research Institute, Gy. Hevesy on engineering, E. Szádeczky Karlós on geology, A. Tárczy-Hornoch and K. Kántás on geophysics, A. Tárczy-Hornoch on geodesy, E. Mosonyi on hydrology, G. Tarján on mining, ore dressing and coal preparation, L. Heller on thermal engineering, C. P. Kovács on heavy-current electrical engineering, S. Gelci, L. Gillemot and J. Verő on metallurgy, G. Bognár T. Millner and E. Winter on telecommunication and vacuum engineering, Z. Csűrös on the light industries, M. Major on building and architecture, K. Széchy on civil engineering, Gy. Csánádi on communication, G. Fodor on the relation of the chemical institutes of the universities to industry, K. Bognár, P. Blis and I. Kaniel on organic chemistry, Z. Szabó on inorganic, analytical and physicochemistry, J. Varga, K. Pollinsky and P. Benedek on chemical engineering, L. Telegdy Kovács and J. Holló on the food industry.

Edue
mid 5.

1/2

L. LIGETI

All the articles record important advances. It was unanimously established that the substantial progress achieved in the various spheres was attained by expanding the work of the research institutes belonging to the various industries, broadening the research work conducted at the universities, setting up an Engineering Science Department within the framework of the Hungarian Academy of Sciences, the wide mobilization of intellectual workers engaged in engineering and scientific fields and, not of least consequence, the creative ability of the working masses, socialist emulation and innovation movements.

2/2

LIGETI, Magda, dr.

A letter to the editor. Magyar pszichol szemle 19 no.2:231-232 '62.

LIGETI, V.

Liquor ferratus. Gyogyszeres 6 no. 10:235-237 Oct 1951. (GLML 23:5)

1. Prepared at 0/172nd Pharmaceutical Laboratory of Budapest Pharmaceutical Enterprise.

LIGETI, Viktor

Selections from galenical laboratory work. Gyogyszeresz 9 no.12:234-
236 1 Dec 54.

(PHARMACY
galenic)

SZEKELY, Jeno.; ANDRISKA, Jozsef, dr.; AUBER, Laszlo, dr.; CSONTOS,
Matyas, dr.; KADAR, Tibor, dr.; KEDVESSY, Gyorgy, dr.; KIRALY,
Ilona, dr.; KEMENES, Janozne, KOVACS, Laszlo, dr.; KUH, Ferenc;
LIGETI, Viktor.; SZENT, Miklosi, Pal.

Opening of rest home for pharmacists. Gyermekgyogyaszat 6 no.11:
121-122 Nov 55

(PHARMACY, economics,
rest homes for pharmacists in Hungary)

SZEKELY, Jeno.; ANDRISKA, Jozsef, dr.; AUBER, Laszlo, dr.; CSONTOS, Matyas, dr.; KADAR, Tibor, dr.; KEDVESSY, Gyorgy, dr.; IRALY, Ilona, dr.; KEMENES, Janosne.; KOVACS, Laszlo, dr.; KUH, Ferenc.; LIGETI, Viktor.; SZENTMIKLOSI, Pal.

Document exhibition of pharmaceutical enterprises. Gyogyszeres 10
no.8:141-142 1 Aug 55

(PHARMACY,
in Hungary)

LIGETI, Viktor

Excerpts of work of the galenic laboratory. Gyógyszerész 10 no.9:
167-169 1 Sept 55.

(PHARMACY,
galenic laboratory)

LIGETI*REVICZKY, A.

"Investigation of the Technology of the preparation of bath water at
Parad." p. 477.

HIDROLOGIAI KOZLONY. HYDROLOGICAL JOURNAL. (Magyar Hidrologiai Tarsasag)
Budapest, Hungary, Vol. 38, No. 6, Dec. 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 6, June 1959.
Uncl.

SZANTO, Iaszlo, dr.; FORGACS, Peter, dr.; LIGETINE, Ravicsky Alice, dr.; VEKERDY,
Iaszlo, dr.; GYULAI, Erno, dr.

Study of antithyroid drugs by radioactive-paper chromatographic
methods. Orv. hetil. 101 no.13:444-448 27 Mr '60.

1. Orszagos Reuma es Furdougyi Intezet, II. Belosztaly, Orszagos
Balneologiai Kutato Intezet.

(IODINE radioactive)

(THYROID ANTAGONISTS pharmacol.)

LIGEZA, A.

Industrial safety and hygiene in the mining industry by
[mgr inz.] K. Kozik, Reviewed by A. Ligeza. Wiadom gorn
12 no.1/2:48-49 Ja-F '61.

CHACHULSKI, Jerzy, mgr inz.; LIGEZA, Stanislaw, mgr inz.; NIEMENTOWSKI,
Stefan, doc. mgr inz.

Elaboration of methods and technology of desulfuration of natural
gasoline from Lubaczow. Nafta Pol 18 no.12:334-340 D '62.

1. Centralne Laboratorium Technologii Nafty, Warszawa.

LIGEZA, Zbigniew, mgr inz.

New method of constructing air curtains in high temperatures.
Wiad gorn 14 no.10:308-310 0 '63.

LASEK, Tadeusz, mgr.,inz.; BOJARSKI, Zdzislaw, mgr.,inz.; LIGEZA, Zbigniew,
mgr., inz.

Safety pillars in the Upper Silesian Coal Basin. Prezegl gorn 18
no.2:90-96 '62.

KISELEV, A.V.; LIGHIN, V.I. [Lygin, V.I.]

Applying the infrared spectroscopy to the study of the structure of surface chemical compounds and adsorption. Analele chimie 17 no.4:3-42 O-D '62.

LIGIER, A.

All-Union Gas Turbine Conference in the U.S.S.R. Ciepl masz przeplyw
no.47/48:115-117 '63.

LIGIER, A.

Theses for degrees of graduates of the Technical University
of Lodz in the field of fluid flow machines. Ciepl masz
przeplyw no. 46:45-48 '63.

E 23348-66

ACC NR: AP6009598

SOURCE CODE: PO/0031/66/011/001/0085/0099

AUTHOR: Liganowski, Marian -- Liganowski, M.

ORG: Department of Communications Technology, Gdansk Polytechnic (Politechnika Gdanska, Katedra Teletechniki i Telemechaniki)

TITLE: Outline of the structural theory of contactless selectors

SOURCE: Archiwum automatyki i telemechaniki, v. 11, no. 1, 1966, 85-99

TOPIC TAGS: contactless selector, function theory, Boolean function

ABSTRACT: The paper gives the outline of a generalized synthesis for selecting systems with k outputs. The possibilities of absolute selector optimization (a coupling with other systems is not considered) are discussed in the case when the actual number of outputs is smaller than the possible number as a result of the number of system states. The sense of such optimization for the indirect control of a selector is shown. The need of a new systemization of Boolean functions in the generalized synthesis of selecting systems is emphasized, and the conditions that this systemization should meet are given. For diode systems with a complete number of outputs, proof is given, which justifies its optimality in comparison with the so-called "rectangular system with division on two auxiliary parts" (a flat rectangle). A number of applications for contactless selectors are named. Orig. art. has: 9 figures,

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L 23348-66

ACC NR: AP6009598

2 tables and 8 formulas. [Based on author's abstract]

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[AM]

SUB CODE: 09, 12/ SUB DATE: 09Apr65/ ORIG REF: 001/ SOV REF: 005/
OTH REF: 002

Card 2/2 *LC*

POLAND

LIGMANOWSKI, Marian

Dept. of Communications Tele-engineering, Gdansk Polytechnic
(Katedra Teletechniki Łaczeniowej, Politechnika Gdanaska)

Warsaw, Archiwum automatyki i telemekhaniki, No 1, Jan/Mar 1966,
pages 85-99

"Outline of the structural theory of contactless selectors."

LIGOCKI, A.

"Nicolaus Copernicus, a Great Scientist of the Renaissance" p. 257

"Industrial Safety in Shafts" p. 259

"Deepening the Shaft in the Donets Basin; based on I. Filipienko's Article

Published in Mastier Ugle, No. 6, 1953, p. 264

(Wiasomosci, Gornicze. Vol. 4, No. 9, Sept., 1953, Katowice)

SO: Monthly List of East European Accessions, Vol. 3, No. 2, Library of Congress,
February, 1954, Uncl.

LIGOCKI, A.

"Nicolaus Copernicus as a comaker of modern science." p. 216. (Chemik. Vol 6, no. 7/8, July/Aug. 1953. Katowice.)

SO: Monthly List of East European Accessions, Vol. 3, No. 2, Library of Congress, Feb. 1954, Uncl.

LIGOCKI, A.

"National Cultural Heritage as a Basis for the Development of Socialist Science and Technique." p. 340 (Chemik. Vol. 6, no. 12, Dec. 1953 Katowice.)

Vol. 3, no. 6

SO: Monthly List of East European Accessions./Library of Congress, June 1954, Uncl.

LIGOCKI, A.

"Industrial Managers as Authors of Books on Technology" p. 19
"An Experimental Low Open-Hearth Furnace" Tr. from the French" p. 21
"A New Method of Chemical and Heat Treatment" Tr. from the French" p. 23
(Wiadomości Hutnicze, Vol. 9, No. 4, April, 1953, Stalinogrod)

SO: Monthly List of East European Accessions, Vol. 3, No. 2, Library of Congress,
February, 1954, Uncl.

LIGOCKI, A.

"Great Investments in the Field of Metallurgical Plants of the German Democratic Republic" p. 33 (Wiadomosci Hutnicze, Vol. 9, No. 7/8, July/Aug., 1953, Stalinogrod)

SO: Monthly List of East European Accessions, Vol. 3, No. 2, Library of Congress, February, 1954, Uncl.

LIGOCKI, A.

"Engineers Train New Cadres of Authors." p. 233 (HUTNIK, Vol. 20, No. 7, July 1953)
Warszawa

SO: Monthly List of East European Accessions, Library of Congress, Vol. 2, No. 10
October 1953. Unclassified.

LIGOCKI, A.

"Nicolaus Copernicus and development of modern science" (P. 375). HUTNIK (Panstwowe Wydawnictwa Techniczne) Katowice, Vol. 20, no. 12, Dec. 1953.

SO: East European Accessions List, Vol 3, No. 8, Aug 1954.

LIGOCKI, A.

SCIENCE

Periodicals: CHEMIK. Vol. 11, no. 7/8, July/Aug. 1958.

LIGOCKI, A. A few observations on the trade-marks. p. 333

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4, April 1959,
Unclass.

LIGOCKI, Alfred, mgr.

On some causes for a bad readership of technological periodicals.
Przegl techn 79 no.6:233-236 Mr '58.

LIGOCKI, Alfred-

A photographic exhibition of major interest for miners. Wiadom
gorn 12 no.3:87-88 Mr '61.

LIGOCKI, E.

"Galilei about Copernicus", p. 7, (PROBLEMY, Vol. 9, No. 1, 1953, Warszawa, Poland)

SO: Monthly List of East European Accessions, L.C., Vol. 3, No. 4, April, 1954

LIGOCKI, Edward

Polish pupils of Galileo Galilei. Problemy 20 no. 6:
§56-358 '64.

LIGON, K.

"Conference of electrical engineers in metallurgy on the proper use of electric power."

p. 155 (Gospodarka Ciepłna, Energetyka Przemysłowa) Vol. 5, no. 4, July/
Aug. 1957
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

LIGON, Karol, inz.; WADAS, Rudolf, techn.

Change of the system of electric power supply and modernization of the voltage in the foundry coke battery. Energetyka przem 10 no.3:100-101 '62.

1. Huta Kosciuszko.

L-8175-66 EWT(d)/EWT(1)/EEC(k)-2/EWA(h)

ACC NR: AP5025691

SOURCE CODE: UR/0286/65/000/018/0039/0040

AUTHORS: Lebedeva, O. M.; Ligonenko, A. L.

ORG: none

TITLE: Device for measuring the Q of a cavity resonator.²⁵ Class 21, No. 174675

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 18, 1965, 39-40

TOPIC TAGS: cavity resonator, resonator Q factor

ABSTRACT: This Author Certificate presents a device for measuring the Q of a cavity resonator by a dynamic method. To broaden the range of measurements toward lower values of Q, a synchrodyne converter is used for narrowing the signal spectrum supplied to the input of a narrow-band intermediate-frequency amplifier (see Fig. 1).

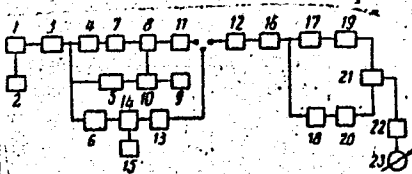


Fig. 1. 1- klystron oscillator; 2- oscillator; 3, 4, and 5- [abstracter's note: missing in orig. art.] 6- attenuator; 7- investigated resonator; 8- mixer; 9- heterodyne; 10- converter (frequency); 11- intermediate frequency amplifier; 12- detector; 13- reference circuit; 14- mixer; 15- oscillator; 16- amplifier; 17 and 18- differentiating circuits; 19 and 20- pulse shaping circuits; 21- trigger; 22- detector

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UDC: 621.317.337

L 8175-66

ACC NR: AP5025691

unit and amplifier; 23- indicator

To increase the accuracy of measurement by determining the pass band of the resonance characteristic of the cavity resonator, a calibration channel is connected in parallel with a portion of the measuring channel containing a differentiating circuit and a pulse shaping generator. The calibration channel is connected to the second input of a trigger serving to shape rectangular pulses whose width is proportional to the measured pass band. Orig. art. has: 1 diagram.

SUB CODE: EC/

SUBM DATE: 06Dec62

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Card 2/2

*LIGOTSKIY, I.

"A Manual on the Use of Protective Relaying and
Fusing in Electric Farm Machinery," (bk), 1950.

LIGOTSKIY, L., inzh. (Kiyev)

Small, complete, transformer substations. Zhil.-kcm. khoz.
12 no.1:28-29 Ja '62. (MIRA 15:6)
(Electric substations)

Ligotskiy, L.P.

LIGOTSKIY, L.P., inzh.

Asbestos cement poles for low-voltage electric lines. Energetik 5
no.12:5-6 D '57. (MIRA 10:12)

(Electric lines--Poles)

^{P.}
~~LIGOTSKIY, L., inzhener.~~

Using reinforced concrete and asbestos cement supports for transmission lines in the Ukraine. Zhil.-kom. khoz. 7 no.1:11-12 '57.
(Ukraine--Electric lines--Poles) (MLRA 10:4)
(Reinforced concrete)

LIGSKIY, Yu.D.; SEVAST'YANOV, N.D.; STRUZHESTRAKH, Ye.I., redaktor;
ZUDAKIN, I.M., tekhnicheskiiy redaktor

[Method and practical applications of microelements in work norms]
Metodika i praktika primeneniia mikroelementnykh normativov.
Moskva, Gos. izd-vo oboronnoi promyshlennosti, 1952. 201 p.
[Microfilm] (MLRA 7:10)
(Efficiency, Industrial)
(Machine-shop practice)

1. LIGSKIY, Yu. D.

2. USSR (600)

4. Grinding Wheels

7. Support for soft mandrel of grinding wheel. Stan.i instr. 23 no. 10, 52

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

LIGSKIY YU. D.

PA-10778

USSR/Surfaces - Cleaning
Standardization

Apr 1947

"The Practise of Standardization," Yu. D. Ligskiy,
3 pp

"Vestnik Mashino" Vol XXVII, No 4

Gives standards of cleanliness for preparing sur-
faces according to GOST-2789-45. Includes 2 pp of
tables.

10778

MA

251-K. Condition for Preparing
Standards for Smoothness of Turning,
Grinding, or Lapping. (In Russian.)
In: D. Lisani, Stanki i Instrument, v.
22, Sept. 1951, p. 20-27.

Preparation of samples for deter-
mining the smoothness produced by
various machining operations on
steel, cast iron, bronze, duralumin,
and alumin. Data are tabulated and
charted.
(S15, G17, ST, CI, Cu, Al)

Ligskiy, Yu. D.

AID P - 5192

Subject : USSR/Engineering

Card 1/1 Pub. 103 - 14/24

Authors : Ligskiy, Yu. D., and I. A. Sukharev

Title : Mechanization of sharpening and honing of cutting blades

Periodical : Stan. 1 instr., 7, 37-38, J1 1956

Abstract : The method and equipment for centralized mechanical sharpening and re-sharpening of dull cutters and the honing of various cutting blades, including those made of ceramics, are described. Four drawings.

Institution : None

Submitted : No date

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S/123/60/000/02/05/015

Translation from: Referativnyy zhurnal. Mashinostroyeniye, 1960, No. 2, p. 79, # 5602

AUTHOR: Ligskiy, Yu. D.

TITLE: The Plant Practice of Using Mineral-Ceramic Tools.

PERIODICAL: V sb.: Rezaniiye mineralokeram. instrumentami, Moscow, Oborongiz, 1958, pp. 148-172

TEXT: The author describes the plant practice in using mineral-ceramics for turning and milling operations. It is pointed out that the use of tools with mechanically fastened or glued mineral-ceramic bits cuts down the machining time of turning operations by 1.5 - 2 times. The author cites the original design of an end cutter with a spiral and stepwise disposition of mechanically fastened circular mineral-ceramic blades. The cutters with spiral blades are used for roughing operations, while those with stepwise arranged blades are employed for finishing machining. The cutting conditions for steel are the following: $v = 330-600$ m/min, $s = 0.1-0.15$ mm/rev. For cast iron the respective conditions are:

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S/123/60/000/02/05/015

The Plant Practice of Using Mineral-Ceramic Tools

$v = 250-450$ m/min, $s = 0.56-0.93$ mm/rev. The durability of the tool bits amounts to 80-100 min. A mathematical analysis is given of the different ways of arranging and setting the circular blades in the body of spiral and stepwise cutters. The author describes the grinding and honing of mineral-ceramics in a special gang device. A modified version of the end cutter design is presented which is fitted with cylindrical mineral-ceramic bars, instead of circular bits, and the satisfactory cutting properties of this milling cutter are emphasized. A formula is presented, determining the cutting stresses arising during the milling of cast iron with mineral-ceramics. The difficulties of introducing mineral-ceramics are indicated. The author describes the design of a combined metal and mineral-ceramic sandblast nozzle, attaining a durability of from 100 to 200 hours of machining time during sandblast operations. There are 14 figures, and 4 tables.

O. A. B.

Card 2/2

LIGULADZE, B.

One in sixty thousand. Ukhr. truda i sots. strakh. no.2:89

Ag '58. Ukhr. truda i sots. strakh. no.2:89 Ag '58.

(MIRA 12:1)

(Boring machinery--Safety measures)

LIGULADZE, B. (Orel)

This is only a beginning. Okhr.truda i sots.strakh. no.5:
43-45 N '58. (MIRA 12:1)

1. Spetsial'nyy korrespondent zhurnala "Okhrana truda i sotsial'-noye strakhovaniye."
(Orel--Industrial hygiene)

LIGULADZE, B.

Where there's a will there's a way. Okhr.truda i sots.strakh.
no.6:41-44 D '58. (MIRA 12:1)

(Clock and watch making) (Industrial hygiene)

LIGULADZE, B. (Tatarskaya ASSR)

Technical inspector Khaidar Faskhiev. Okhr.truda i sots.strakh. no.8:
70 Ag '59. (MIRA 12:11)

1. Spetsial'nyy korrespondent zhurnala "Okhrana truda i sotsial'noye
strakhovaniye."

(Farm mechanization--Hygienic aspects)

LIGULADZE, B.

Duty and indifference. Okh.truda i sots.strakh. no.1:56-57 Ja
'60. (MIRA 13:5)

1. Spetsial'nyy korrespondent zhurnala "Okhrana truda i
sotsial'noye strakhovaniye."
(Katurar--Labor and laboring classes--Medical care)

LIGULADZE, B.

Toward the reduction of accidents" by A.Rezepov, A.Vladimorov.
Reviewed by B.Liguladze. Okhr.truda i sots.strakh. 3 no.4:79
Ap '60. (MIRA 13:6)
(Shipbuilding--Hygienic aspects)
(Rezepov, A.) (Vladimirov, A.)

LIGULADZE, B.

The meaning of life. Okhr. truda i sots. strakh. 3 no.7:40-42 J1
'60. (MIRA 13:8)

1. Spetsial'nyy korrespondent zhurnala "Okhrana truda i sotsial'noye
strakhovaniye," kurot Truskavets.
(Women as physicians)

LIGULADZE, B.

Truskavets, a growing health resort. Okhr. truda i sots.
strakh. 3 no. 10:34-36 0 '60. (MIRA 13:11)

1. Spetsial'nyy korrespondent zhurnala "Okhrana truda i
spetsial'noye strakhovaniye."

(Truskavets--Health resorts, watering places, etc.)

LIGULADZE, B.

Seven-year red tape. Okhr.truda i sots.strakh. 5 no.10:35
0 '62. (MIRA 15:11)

(ANTISEPTICS)

LIGUM, S.G.

USSR/Cultivated Plants - Technical, Oil, and Sugar Plants.

M-4

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10922

Author : Ligum, S.G.

Inst :

Title : The Significance of Extra-Root Fertilization in Kurskaya Oblast'.

Orig Pub : Sakharnaya svekla, 1956, No 6, 36-39

Abstract : In experiments conducted on the L'gov Testing and Selection Station extra-root fertilization with a solution of 2 centners of superphosphate in 800 liters of water per hectare increased the sugar content by 0.8%, while fertilization with 0.3 centners/hectare of KCl in 800 liters of water increased it by only 0.5%. Extra-root fertilization did not produce any increase in the yield; it intensifies the flow of sugars from the leaves into the roots. Wide testing under production conditions in kolkhozes of Kurskaya oblast' have demonstrated that fertilization

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LIGUN, S. T.

"Influence of Phosphorus on the Yield and Quality of Sunflower Seeds, and its Metabolism." Thesis for degree of Cand. Agricultural Sci. Sub. 8 Mar 49, All-Union Sci. Res Inst of Fertilizers, Agricultural Engineering, and Soil Science imeni K. K. Gedroyets.

Summary 82, 18 Dec, 52, Dissertations Presented For Degrees in Science and Engineering in Moscow in 1949. From Vechernyaya Moskva, Jan-Dec 1949.

COUNTRY : USSR
 CATEGORY : Cultivated Plants. Commercial. Oleiferous.
 Sugar-Bearing.
 ABS. JOUR. : RZhBiol., No. 4, 1959, No. 15761
 AUTHOR : LIGUR, S.T.
 INST. : Lvov Exper. Selection Station
 TITLE : Soil Fertility and Character of Sugar Beet Crop
 Formation Depending on the Level of Fertilizer
 Doses
 ORIG. PUB. : Byul. nachno-tekhn. inform. L'govsk. opytno-
 selekts. st., 1958, vyp. 1, 9-14
 ABSTRACT : In 1950-1955 the Lvov experimental selection
 station studied the effect of various doses
 of mineral fertilizers on the soil
 fertility, the development and crop of
 sugar beets. On an average during six years,
 391 c/h of roots were harvested with a triple
 dose of fertilizer. Besides, the forage value
 of the tops was also raised. The highest mean
 sugar content (17.6 %) was obtained with an
 ordinary dose of fertilizer, but the highest crop
 CARD: 1/2

LIGUM, S. T.

Duration of the after effect of basic fertilizing in crop rotation on the fertility of soil, chemical composition and yield of sugar beets. Pochvovedenie no.7:1-9 J1 '62.
(MIRA 15:10)

1. L'govskaya opytno-selektsionnaya stantsiya.

(Sugar beets--Fertilizers and manures)

LIGUM, S.T.

Simple device used in photoelectric colorimetry for emptying cures;tes.
Pochvovedenie no.9:110-111 S '60. (MIRA 13:9)

1. L'govskaya opytno-selektcionnaya stantsiya.
(Colorimetry)

84-58-6-21/59

AUTHOR: Ligun, T., Engineer, Instructor

TITLE: Aerodynamics of High Speeds. Some Problems of Methodology
(Aerodinamika bol'shikh skorostey. Nekotoryye voprosy
metodiki izucheniya)

PERIODICAL: Grazhdanskaya aviatsiya, 1958,¹⁵ Nr 6, pp 17-20 (USSR)

ABSTRACT: The article discusses the basic conceptions of near-sonic aerodynamics to furnish a method and a pattern in studying the aerodynamic characteristics of turbojet aircraft for the airmen and training units of the Aeroflot. The article consists of a number of sections, of which the first two briefly explain the underlying physical conceptions and the main working characteristics of jet power plants in comparison with conventional engines. The following sections describe the aerodynamic characteristics of the airframe under typical conditions as at take-off and climb, in horizontal flight, descent and landing; the last section deals with the conditions of stability and controllability. The text is accompanied by 10 diagrams.

Card 1/1 1. Aviation--USSR 2. Turbojets--Aerodynamic characteristics

ACCESSION NR: AP4017786

s/0084/64/000/001/0026/0027

AUTHOR: Ligun, T. (Engineer)

TITLE: Takeoff with one engine operating

SOURCE: Grazhdanskaya aviatsiya, no. 1, 1964, 26-27

TOPIC TAGS: aircraft, civil aviation, flying techniques

ABSTRACT: The twin-engine Tu-124 passenger aircraft can still take off safely, under certain conditions, if one engine fails during the takeoff run. The pilot must consider that: the takeoff begins at a distance of 50 m before the runway starts; the aircraft's run must end completely, if the takeoff is not aborted, at 50 m before the runway ends; if the takeoff is aborted the aircraft must stop completely by the time it reaches a point 50 m before the rolled end strip. The aircraft's capability of reaching takeoff speed on the engine depends upon the air temperature and pressure. At a given takeoff weight, and atmospheric conditions specified, one length of landing run or takeoff run and one critical speed are characteristic. Conditions necessary to continue takeoff when critical speed is reached, under standard conditions and with a takeoff weight of 34.5

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ACCESSION NR: AP4017786

tons, are: length of run with one engine operating, to achieve takeoff speed, 380 m; length of continued takeoff to reach takeoff speed, 1180 m; most advantageous instrument takeoff speed (to climb), 245 km/hr; rate of climb with one engine operating (landing gear up), 2.7 m per sec; length of airborne run that the aircraft passes to climb to a height of 10.7 m, 720 m; length of airborne run to reach altitude of 25 m, 1080 m; height above nearest control radio station, 25 m. For a takeoff weight of 36 tons, the figures are 500 m, 1350 m, 250 km/hr, 2.3 m per sec, 780 m, 1220 m, and 20 m, respectively. Under rated conditions, with a consideration of air temperature and pressure, these figures change, Details for piloting aircraft under takeoff with one engine are described. Orig. art. has: 1 photo, 1 table, 4 figs.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 13Mar64

ENCL: 00

SUB CODE: AI

NO REF SOV: 000

OTHER: 000

Cord 2/2

L 24858-65 EWT(d)/EWT(m)/FA/EWP(f)/FA(b)/T-2/EWP(h)

ACCESSION NR: AP5003228

Z/0040/65/000/001/0008/0009

AUTHOR: Ligum, T.

TITLE: Takeoff with one engine running

SOURCE: Letecky obzor, no. 1, 1965, 8-9

TOPIC TAGS: jet aircraft, jet takeoff, engine failure, jet braking distance, attack angle, climb rate, air temperature, takeoff speed

ABSTRACT: The new Soviet TU-124 operates in Czechoslovakia only from airfields with 2000-meter runways, and the maximum speed at which takeoff may be interrupted is set at 230 km/hr for planes weighing 34.5 tons, although the critical speed is 123 km/hr under normal air conditions. If there is a cleared overrun 400 m long and liftoff speed is 235 km/hr, the maximum speed is 253 km/hr. For a plane weighing 36 tons the takeoff run with both engines operating is 1315 meters, but with one engine running it is 1800 m, and takeoff speed must be 240 or 250 km/hr in either case. If one engine stalls, the pilot must instantly decide whether he can stop the plane 50 m short of the end of the runway, or takeoff and return for a landing. At the above takeoff speed, the loss of one engine reduces climb rate by

Card 1/2

L 24855-65

ACCESSION NR: AP5003228

0.9 m/sec, so that he will need to fly 1180 meters in order to clear an obstacle 10.7 m high and 2.200 m to clear 25 meters. With one engine out the climb rate (with landing gear raised) is 2.7 m/sec for a 34.5-ton plane and 2.3 m/sec for one weighing 36 tons. The minimum speed at which a 34.5-ton plane may continue flight after takeoff is 187 km/hr. With one engine out it is necessary to accelerate immediately by 10 km/hr in order to obtain the full effect of the flaps. Test flights with both the TU-124 and TU-104 have shown that after takeoff they accelerate best while near the ground, which gives better resistance for their thrust. At 245 or 255 km/hr, their best angle of attack is 7 or 8° with flaps set at 20°, their most effective angle. At an angle of 7.5° and fineness of 9-10, the planes require a thrust of 3600 to 3800 kp. Air temperature has an effect, and each degree above the normal reduces thrust by about 30 or 35 kp. At 10C above normal, climb rate drops by 0.8 m/sec (with landing gear retracted and flaps at takeoff angle), but the engines are so regulated that temperatures below 30 do not raise the thrust or climb rate. Orig. art. has: 3 figures and 1 table. [08]

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SJB CODE: AC

NO REF SOV: 000

OTHER: 000

ATD PRESS: 3182

Card 2/2

LIGUM, T., inzh.

Tu-124; 38 tons. Grazhd. av. 22 no.7;18-19 J1 '65.

(MIRA 18;7)

L 43745-66 EWP(k)/EWP(h)/T-2/EWP(w)/EWP(v) IJP(c) EM
ACC NR: AP6007778 SOURCE CODE: CZ/0040/65/000/011/0290/0291

AUTHOR: Ligum, T. (Engineer)

ORG: none

TITLE: The Tu-124 takeoff weight of 38 tons

SOURCE: Letecky obzor, no. 11, 1965, 290-291

TOPIC TAGS: transport aircraft, civil aircraft/Tu-124 Transport aircraft

ABSTRACT: The author presents analytical proof that the maximum takeoff weight of the Tu-124 transport aircraft can be increased, under given conditions, to 38 tons, thus improving the aircraft's payload capacity a total of 6 or 4.5-5.2 tons, depending on the flight distance (range) required. The increased payload capability is achieved by reducing the flap-deflection angle from the originally designed twenty degrees to ten degrees; this improves the flight characteristics of the aircraft during takeoff, especially with a 1-1.3-m/sec increase in the vertical rate of climb on one engine. However, decreased aerodynamic resistance of the aircraft calls for an extension of the takeoff run in order to maintain

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L 43745-66

ACC NR: AP6007778

the takeoff speed within a safe margin in the event of failure of one engine. The relationship between takeoff speed, length of the takeoff run, and the length of the flightpath from the moment the aircraft becomes airborne till the moment of a completed or interrupted takeoff is shown in graphic form in the original article. A diagram showing the vertical rate-of-climb curves for various takeoff weights under standard and actual atmospheric conditions is presented and a table of takeoff weights permissible under various atmospheric conditions is given for a runway length of 1800 m and an additional obstacle-clearance zone of 400 m. Preliminary flight tests determining the aerodynamic effect of the flap-deflection change on the Tu-124's speed and rate of climb were conducted at the Aeroflot Research Institute (Vyzkumny ustav Aeroflotu). Orig. art. has: 4 figures, and 1 table. [KP]

SUB CODE: 01/ SUBM DATE: none/

Card 2/2 hs

LIGUN, O.S.

A city of the Soviet Ukraine (Vinnitsa" by I.A. Erofeev.
Reviewed by O.S.Ligun) Vest. LGU 15 no.18:151-152 '60.

(MIRA13:9)

(Vinnitsa--Economic geography)
(Erofeev, I.A.)

LIGUSHA, V., student V kursa.
~~no.8:21-28 '54.~~

Convergence of the anticlines of folds. Sbor.stud.rab. SAGU
no.8:21-28 '54. (Folds (Geology)) (MLRA 9:5)

LIGUSHA, V.M.

History of the geological development of the southern part of the
Aral Sea region in the Mesozoic and Cenozoic. Sov. geol. 7 no.10:
98-112 0 '64. (MIRA 17:11)

1. Kompleksnaya geologos"yemochnaya poiskovaya ekspeditsiya
Glavnogo upravleniya geologii i okhrany neдр pri Sovete Ministrov
Uzbekskoy SSR.

ABDULIAYEV, I.A.; ZAIROV, K.S., kand.med.nauk; LIGVANKHVA, V.T.

Some problems in the organization of control measures for
virus influenza in Khorezm Province. Med.zhur.Uzb. no.5:
50-52 My '58. (MIRA 13:6)

(KHOREZM PROVINCE--INFLUENZA)

LIHART, J.

Individual variations of the higher nervous function in children during extinction of components of the basic stimulus and permanence of basic motor conditioned reflexes. Chekh. fiziol. 3 no.1:17-28 1954.

1. Institut vysshey nervnoy deyatel'nosti rebenka, Praga.

(REFLEX, CONDITIONED,

extinction of individual components of basic stimulus & permanence of basic motor conditioned reflexes in child.)

LIHT, Antun, Dr.

Cholera in Subotica (Szabadka). Glasn. Hig. inst., Beogr.
5 no.3:109-113 July-Sept 56.

(CHOLERA, hist.
epidemic in Subotica (Szabadka) in Hungary in 1831
(Ser))

LIHT, Antun, Dr.; VIDA KOVIE, Jelena, lek. Pomocnik

Fungi from damp dwellings as a cause of allergy. Higijena,
Beogr. 8 no.2-3:212-213 1956.

1. Higijenski zavod u Subotici.
(ALLERGY, etiol. & pathogen.
fungi in damp dwellings (Ser))
(FUNGUS DISEASES, etiol. & pathogen
allergy from fungi in damp dwellings (Ser))

9. "Pharyngitis of Foetus Genital Organism Prof Dr Wladislaw Ruzicki pp 1-5.
10. "Pneumoniae of the Deep Respiratory Pathways and of the Lung Prof Dr Jozef Gajdarski pp 87.
11. "Croup in Infants in the Spring Season Prof Dr H. Szwedlik pp 7-9.
12. "Etiology, Cause of the Voice and the Speech Defect in Croup Acute, Pseudo-
13. "Rumpus in Petrus Schenckius pp 11-16
14. "The Foreign Body Infection in Infant Lungs pp 10-16.
15. "Irregular Stools and Constipation in Infant Nocturn pp 16-21.
16. "Brief Review of Pneumoniae and Alcoholism in the Country and in the World in Poland, Pulmonologists pp 11-21.
17. "Wardmaster staff's duties pp 21-25.
18. "Infections - How and how to prevent them F. Polak pp 26-27.
19. "Our Popular Medicine in the Old Days pp 28-30.
20. "Sanitary Inspection of Foodstuffs, their Importance, Sanitation, Technology, pp 31-33.

LIGULADZE, B.

Taradei bows.... Okhr.truda i sots.strakh. 4 no.12:20 D '61.
(MIRA 14:11)

(Ivanovo Province---Industrial hygiene)

LITH, ANTUA

1. "Human Radiation Panel in Milan P. GROMOVICH; pp 1-5.
2. "Traffic Accidents and Alcoholism: Preliminary Report on the Study of 100 Cases; pp 6-7.
3. "Infections of School Boys and Vaccinations in Moscow Schools; pp 8-11.
4. "Pneumonic Infections in Czechoslovakia; pp 11-15.
5. "Pneumonia in Bulgaria; pp 15-16.
6. "Malaria in the Balkans; pp 16-18.
7. "The New Health Service Law and Antimicrobial Service in the Soviet Union; pp 18-21.
8. "Prophylactic Feeding of Children from Two to Six Years of Age in the USSR; pp 21-24.
9. "Storage of Food and Prevention of Food Poisoning in the USSR; pp 24-26.
10. "Cholera in the USSR; pp 26-30.
11. "Salmonella in the USSR; pp 30-32.